From: Brian Moore
To: Abshire, David; Zehner, Warren
Subject: FW: WDW073 Daily Operations Summary, July 27, 2015
Date: Thursday, July 30, 2015 11:30:36 AM
Attachments: image001.png

Warren and David,

Below is a daily operations summary for 7-27-15 prepared by Sandia Technologies. Should you have any questions please let me know.

Kindest Regards,

Brian Moore
Construction Manager
Malone Service Superfund Site RD/RA

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From: Mike Grant [mailto:mike.grant@sandiatech.com]
Sent: Tuesday, July 28, 2015 8:41 AM
To: Brian Moore; Bob Piniewski
Cc: Bill Armstrong; Daisy Gallagher; Dan Collins; Donald Stehle; Donna Hill; Gabby DeLeon; Jason Pitzer; Kirk Delaune; Mike Grant; Rebekah Garcia; Steven Henry; Vicki Betts
Subject: WDW073 Daily Operations Summary, July 27, 2015

Project Name	**Sandia Project No.**	**Date**
Project Navigator Malone Services WDW073 2015 MIT/BHP	2128-PH-15	July 27, 2015 Day1

OPERATIONS SUMMARY

9716076

Injectivity Falloff Test – July 27th

Sandia personnel mobilized to the Malone site and met with Brian Moore of Project Navigator. The testing operations procedure was reviewed and a JSA was prepared. A digital pressure recording gauge was rigged up to the well to record the surface injection pressure. Startup of the injection phase was delayed due to a leak in the annulus pressurization line from the annulus pump to the wellhead. Boatman Pumps personnel arrived at the site and replaced the pressurization line.

Injection to WDW073 was started at 11:52 a.m. at 75 gpm. The surface injection pressures increased quickly to 600 psi. After 6 hours, the pressure was 759 psi at 75 gpm. The injection rate was increased to 85 gpm at 6:15 p.m. and maintained for an additional 6 hours with a final injection pressure of 886 psi. The injection rate was increased to 95 gpm at 12:15 a.m., however, the injection pressure increased to over 1,000 psi within one hour. The rate was reduced to 90 gpm at 1:15 a.m. and maintained at this rate for the remainder of the night. Injection pressure at 7:00 a.m. was 975 psi and appeared to be stabilizing (increase of <4 psi/hr).

NO ACCIDENTS **NO SPILLS**

ACTIVITY FORECAST

7/28 Continue injection phase of WDW073 injectivity/falloff test.
7/29 Rig up wireline unit and lower pressure gauge into WDW073. Shut-in well and record reservoir pressure falloff.
7/30 Continue recording reservoir pressure falloff.
7/31 End reservoir pressure falloff test. Remove BHP gauges from wellbore and release wireline unit. End of field operations.

Contact me if you have any questions.

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